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BOVINE

BRUCELLOSIS

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United States Department of Agriculture
Agricultural Research Administration
Bureau of Animal Industry
Washington 25, D.C.

A Successful Program Recognizes the Following Facts:

1. Test-and-slaughter and vaccination offer the basic tools for effective control.
2. No single method of control is equally applicable to all types of herds and areas.
3. Sanitation and good herd management are necessary parts of any successful infectious and contagious disease control plan.
4. The blood serum agglutination test, when properly performed, is a reliable means of diagnosing brucellosis in cattle.
5. Strain 19 vaccination of calves provides valuable resistance to the usual *Brucella* infected herd exposures and is equally helpful in brucellosis-free herds as protection against introduced infection.

6. Strain 19 vaccine has no curative properties; therefore, no benefit can come from its use in infected animals.
7. Strain 19 vaccine is an extremely unstable product and must be handled carefully if its potency is to be maintained.
8. Adult vaccination is indicated only in herds where the violence of the disease is such that its control is obviously impossible by other means.
9. Indiscriminate vaccination outside of an official program has only limited value from a long-range disease control standpoint and confuses the entire program.
10. Unified efforts, applied on an area-wide basis are vital elements in all livestock disease control undertakings.
11. The goal of all procedures must be the eventual eradication of brucellosis; not its toleration.

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513 counties in the United States are now designated as modified accredited bovine brucellosis-free areas.

Consult your State livestock sanitary authority or the local Bureau of Animal Industry official for details of the cooperative brucellosis control program.

